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DT07 Rec'd PCT/PTO 13 JUL 2004

FORM PTO-1390 (REV. 8-93) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE CASE NO. 10808/144 Client ref. In 1222WOUS
		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/501 430
INTERNATIONAL APPLICATION NO. PCT/DE02/04521	INTERNATIONAL FILING DATE December 10, 2002	PRIORITY DATE CLAIMED January 15, 2002
TITLE OF INVENTION NON-VOLATILE TWO TRANSISTOR SEMICONDUCTOR MEMORY CELL AND METHOD FOR PRODUCING THE SAME		
APPLICANT(S) FOR DO/EO/US Franz SCHULER (Dresden, Germany); Georg TEMPE, (Dresden, Germany)		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 3712. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 3713. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9), and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). (Attached at Tab 1)b. <input type="checkbox"/> has been transmitted by the International Bureau.c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input checked="" type="checkbox"/> An English translation of the International Application into English (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none">a. <input checked="" type="checkbox"/> is attached hereto. (Attached at Tab 2)b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).<ol style="list-style-type: none">a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).b. <input type="checkbox"/> have been transmitted by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).10. <input checked="" type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) and/or amendments under Article 34. (Attached at Tab 3)		
Items 11 to 20 Below concern other document(s) or information included:		
<ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (Attached at Tab 4)12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A preliminary amendment. (Attached at Tab 5)14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).20. <input type="checkbox"/> Other items or information:		

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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. \$770.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00</p>																																																																																						
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<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Claims</td> <td style="width: 25%;">Number Filed</td> <td style="width: 25%;">Number Extra</td> <td style="width: 25%;">Rate</td> </tr> <tr> <td>Total Claims</td> <td>16- 20 =</td> <td>0</td> <td>x \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td>- 3 =</td> <td>0</td> <td>x \$ 86.00</td> </tr> <tr> <td>Multiple dependent claim(s) if Applicable</td> <td></td> <td>0</td> <td>+ \$290.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$920</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL =</td> <td>\$920</td> </tr> <tr> <td colspan="3"> <p>Processing fee of \$130.00 for furnishing the English translation later than the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p> </td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL NATIONAL FEE=</td> <td>\$920</td> </tr> <tr> <td colspan="3"> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property +</p> </td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL FEES ENCLOSED=</td> <td>\$920</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">Amount to be refunded</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">\$</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">charged</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">\$</td> </tr> <tr> <td>a. <input checked="" type="checkbox"/></td> <td colspan="3">A check in the amount of \$920 to cover the above fees is enclosed.</td> </tr> <tr> <td>b. <input type="checkbox"/></td> <td colspan="3">Please charge my Deposit Account No. 23-1925 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.</td> </tr> <tr> <td>c. <input checked="" type="checkbox"/></td> <td colspan="3">The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.</td> </tr> <tr> <td>d. <input type="checkbox"/></td> <td colspan="3">Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</td> </tr> <tr> <td colspan="4"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </td> </tr> <tr> <td colspan="2"> Send All Correspondence to: Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL 60610 </td> <td colspan="2">  Signature John G. Rauch <hr/> Name 37,218 <hr/> Registration Number </td> </tr> </table>			Claims	Number Filed	Number Extra	Rate	Total Claims	16- 20 =	0	x \$ 18.00	Independent Claims	- 3 =	0	x \$ 86.00	Multiple dependent claim(s) if Applicable		0	+ \$290.00	TOTAL OF ABOVE CALCULATIONS =			\$920	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				SUBTOTAL =			\$920	<p>Processing fee of \$130.00 for furnishing the English translation later than the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>				TOTAL NATIONAL FEE=			\$920	<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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